The Vision

• Database of innovative approaches to connect the unconnected – both supply side and demand side
• Case studies and gather empirical data in ways that permit cross-project comparisons
• Controlled trials to measure impact on development

• Present resulting analysis to key decisionmakers in ways that mobilize decisionmakers
• Make all data available via www.1worldconnected.org
Progress to Date

• Database: 1,029 projects spanning 151 countries
  • Country/region, founding year, stakeholder group, technology, domain(s), headquarters, brief description, funding source
• Case studies: 120 interviews spanning 50 countries
  • Four cases with full financial data
  • U.S. studies/related work on municipal fibers
• Fieldwork: Rwanda (economic development, education), Nepal (health), Vanuatu (health, education) trials
• Dissemination: 40 events in 12 countries
Compiled Case Studies by Domain

- Africa 47
- Asia 29
- North America 14
- Latin America 12
- Europe 8
- Oceania 4
- Mixed 2
- Supply-side 39
- Demand-side 65
- Both 7
- Education 38
- Community network 24
- Commercial deployment 21
- Gender 15
- Health care 14
- Agriculture 10
- E-government 8
- Zero rating 4
- Financial inclusion 3
- Local content 2
- Accessibility 2
- 5G fixed wireless 1
Projects with Revenue Sources

Most projects do not have a revenue generation model

Y: 38%
N: 62%
Sources of Funding

The most problematic examples are grant-funded with no sources of revenue: 48/55 grant-funded projects have no revenue.
Revenue Sources

Problem driven by demand-side initiatives focusing on digital skills training

Demand-side Projects: Revenue Generation

- Y: 26%
- N: 74%

Supply-side Projects: Revenue Generation

- Y: 61%
- N: 39%
Controlled Trials

- **Nepal**
  Healthcare
- **Rwanda**
  Education,
  Economic
  Development
- **Vanuatu**
  Health, Education
Future Work

• Finish cost/financial analysis (esp. scenario based)
• Conduct content analysis of big data base
• Refine impact criteria for demand-side interventions
• Assess business models (white spaces, anchor institutions)
• *Finish controlled trials*
• Create focused analyses (esp. U.S., verticals)
• Ramp up dissemination to development banks/impact investing community